

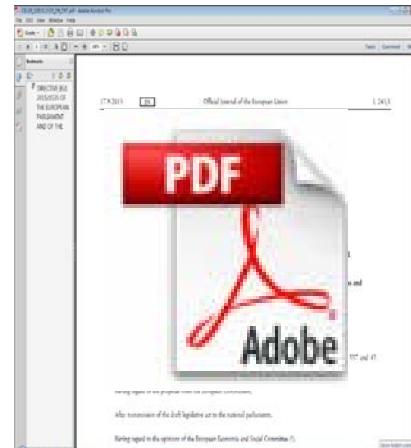
# ELI with regards to XML and other standards

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# ELI and formats

<http://data.europa.eu/eli/dir/2015/1535/oj/eng/pdf>





# ELI and formats

<http://data.europa.eu/eli/dir/2015/1535/oj/eng/html>

The screenshot shows a web browser displaying the Official Journal of the European Union. The page title is "DIRECTIVE (EU) 2015/1535 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL". The main content area features a large blue banner with the word "HTML" in white. The text on the page discusses the revision of Directive 96/34/EC of the European Parliament and of the Council on the approximation of the laws of the Member States relating to the sale of consumer goods online and on Information Society services. It also mentions the revision of Directive 2000/31/EC of the European Parliament and of the Council on certain aspects concerning consumers' protection in respect of distance contracts and on certain aspects concerning unfair commercial practices in respect of consumers.



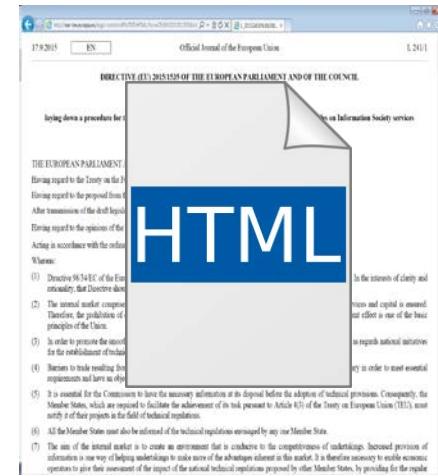
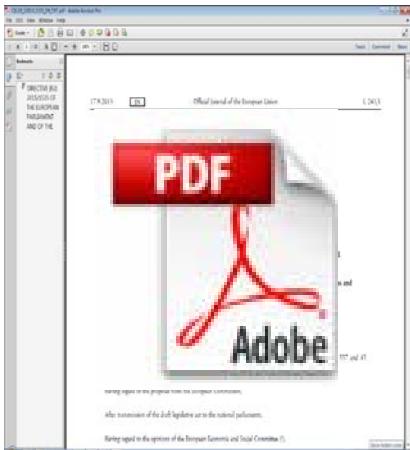


# ELI and formats

<http://data.europa.eu/eli/dir/2015/1535/oj/eng/fmx>



# ELI and XML



```
<xml version="1.0" encoding="UTF-8">
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema-instance" elementFormDefault="qualified" xmlns="http://ormex.publications.europa.eu/schema/ormex-05-55-20141201.xsd"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:vc="http://www.w3.org/2004/XMLSchema-instance">
  <xsd:element name="ELI-INSTA454">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="DOC-ID-2454" type="xsd:string"/>
        <xsd:element name="YEAR" type="xsd:int"/>
        <xsd:element name="PAGE-1ST" type="xsd:int"/>
        <xsd:element name="PAGE-2ND" type="xsd:int"/>
        <xsd:element name="PAGE-TOT" type="xsd:int"/>
        <xsd:element name="IND-DOC-T1" type="xsd:int"/>
        <xsd:element name="IND-DOC-T2" type="xsd:int"/>
        <xsd:element name="COPY-R" type="xsd:int"/>
        <xsd:element name="NO-DOCID" type="xsd:int"/>
        <xsd:element name="REL-DISTANCE" type="xsd:int"/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
```



# Legal citations: today

The screenshot shows a web browser window with the following details:

- Address bar: File:///C:/Users/Maria/Documents/eii\_ppt/presentation\_20160321/ppt/1\_CELEX-32015L1535-EN-TXT.f
- Search bar: Search
- Toolbar icons: Back, Forward, Stop, Refresh, Home, Favorites, etc.
- Page content:
  - Date: 17.9.2015
  - Language: EN
  - Title: Official Journal of the European Union
  - Issue number: L 241/1
  - DIRECTIVE (EU) 2015/1535 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**
  - of 9 September 2015**
  - laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services (codification)**
  - (Text with EEA<sup>I</sup> relevance)**



# Legal citations: future



L\_2015L241EN.01000101.xml    +  
File:///C:/Users/Maria/Documents/eli\_ppt/presentation\_20160321/ppt/CELEX-32015L1535-EN-TXT.htm    C Search  
- D X

17.9.2015    EN Official Journal of the European Union    L 241/1

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**DIRECTIVE (EU) 2015/1535 OF THE EUROPEAN  
PARLIAMENT AND OF THE COUNCIL**

**of 9 September 2015**

**laying down a procedure for the provision of information in the  
field of technical regulations and of rules on Information Society  
services (codification)**

**(Text with EEA relevance)**

[Redacted content]





# How to...

- Store the content in a non-proprietary, machine readable format
- Identify each hierarchical level
- Mark-up the references to other legislative documents using the **ELI** URI identification scheme





# FORMEX

- Grammar for the mark-up of the legislative documents published in the Official Journal of the EU
- 1985 - SGML
- 2004 – XML
- 2016 – V4, release 5.55



2. This Directive shall not apply to:

- (a) radio broadcasting services;
- (b) television broadcasting services covered by point (e) of Article 1(1) of Directive 2010/13/EU of the European Parliament and of the Council (<sup>6</sup>).

<PARAG IDENTIFIER="ART0001.PAR0002">  
    <NO.PARAG>2.</NO.PARAG>  
    <ALINEA IDENTIFIER="ART0001.PAR0002.ALN0001">  
        <P>This Directive shall not apply to:</P>  
        <LIST TYPE="alpha">  
            <ITEM IDENTIFIER="ART0001.PAR0002.ALN0001.PNT0001">  
                <NP>  
                    <NO.P>(a)</NO.P>  
                    <TXT>radio broadcasting services;</TXT>  
                </NP>  
            </ITEM>  
            <ITEM IDENTIFIER="ART0001.PAR0002.ALN0001.PNT0002">  
                <NP>  
                    <NO.P>(b)</NO.P>  
                    <TXT>television broadcasting services covered by <REF.DOC  
CONTEXT="ELI/IR-I\_FX"  
URI="http://data.europa.eu/eli/dir/2010/13/art\_1/par\_1/pnt\_5">point (e) of  
Article 1(1) or Directive 2010/13/EU of the European Parliament and of the  
Council</REF.DOC><NOTE NOTE.ID="E0006" NUMBERING="ARAB"  
TYPE="FOOTNOTE">  
                <P>Directive 2010/13/EU of the European Parliament and of the  
Council of <DATE ISO="20100310">10 March 2010</DATE> on the coordination of  
certain provisions laid down by law, regulation or administrative action in Member  
States concerning the provision of audiovisual media services (Audiovisual Media  
Services Directive) (<REF.DOC.OJ COLL="L" DATE.PUB="20100415" NO.OJ="095"  
PAGE.FIRST="1">OJ L 95, 15.4.2010, p. 1</REF.DOC.OJ>).</P>  
                </NOTE>.</TXT>  
            </NP>  
        </ITEM>  
    </LIST>  
  </ALINEA>  
</PARAG>





# Akoma Ntoso

- XML grammar for the mark-up of parliamentary, legislative and judiciary documents
- 2006 – UN project
- 2016 – under OASIS standardization



<paragraph eld="art\_6\_para\_4">  
    <num>4.</num>  
    <list eld="art\_6\_para\_4\_list\_1">  
        <intro eld="art\_6\_para\_4\_list\_1\_intro">  
            <p>The EMCDDA and Europol shall request the European Medicines Agency to provide information on whether, in the Union or in any Member State, the new psychoactive substance is:</p>  
            </intro>  
        <point eld="art\_6\_para\_4\_list\_1\_point\_d">  
            <num>(d)</num>  
            <content eld="art\_6\_para\_4\_list\_1\_point\_d\_content">  
                <p>an active substance in an unauthorised medicinal product in accordance with <ref eld="art\_6\_para\_4\_list\_1\_point\_d\_ref\_1" href="http://data.europa.eu/eli/dir/2001/83/art\_5/oj">Article 5 of Directive 2001/83/EC</ref> or in a veterinary medicinal product prepared extemporaneously by a person authorised to do so under national legislation in accordance with <ref eld="art\_6\_para\_4\_list\_1\_point\_d\_ref\_2" href="http://data.europa.eu/eli/dir/2001/82/art\_10/pnt\_3/oj">Article 10(c) of Directive 2001/82/EC</ref>.</p>  
                </content>  
            </point>  
        </list>  
</paragraph>





ELI



ELI



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